



### IN THE UNITED STATES

### PATENT AND TRADEMARK OFFICE

APPLICANT(S):

TSANN LIN ET AL.

SERIAL NO.:

10/040,061

FILING DATE:

**JANUARY 4, 2002** 

TITLE:

SPIN-VALVE SENSOR WITH PINNING LAYERS

COMPRISING MULTIPLE ANTIFERROMAGNETIC

**FILMS** 

**EXAMINER:** 

VIVEK D. KOPPIKAR

GROUP ART UNIT:

3626

ATTY. DKT. No.:

SJO9-00-145

## **CERTIFICATE OF MAILING**

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450, ON THE DATE SHOWN BELOW:

DATED:

3/17/04

BRIAN C. KUNZLER, REG. No.: 38,52

**COMMISSIONER FOR PATENTS** 

03/22/2004 LWDNDIM1 00000030 090466

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420.00 DA

**ALEXANDRIA, VA 22313-1450** 

## PETITION FOR EXTENSION OF TIME

SIR:

## APPLICANT HEREBY PETITIONS FOR AN EXTENSION OF TIME OF

TERM OF EXTENSION	SMALL ENTITY	OTHER THAN A SMALL ENTITY
[] 1 MONTH	[] \$ 55.00	[] \$ 110.00
[X] 2 MONTHS	[] \$210.00	[x] \$ 420.00
[] 3 MONTHS	[] \$475.00	[] \$ 950.00
[] 4 MONTHS	[] \$740.00	[] \$1,480.00

for responding to the Patent Office communication mailed October 20, 2003

Enclosed herewith is payment in the amount of \$420.00 for the fee for the extension of time, calculated as indicated above.

Respectfully submitted,

Brian C. Kunzler, Reg. No.: 38,527

Attorney for Applicant

Dated: March 17, 2004

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Patent Trademark & Copyright Law

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March 4, 2004

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Confirmation Co

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Scott A. Thorpe

REGISTERED PATENT ATTORNEY

RE: U.S. Patent Application Serial No.:

10/040,061

WHOLIGH AND COMP

Title:

A SPIN-VALVE SENSOR WITH PINNING

LAYERS COMPRISING MULTIPLE

ANTIFERROMAGNETIC FILMS

Filed:

January 4, 2002

प्राथनारे स्थापन

Inventor:

Tsann Lin

Your Ref.:

Our Ref.:

1200.2.25

Dear Sir:

Attached is a Petition for an Extension of Time for the above referenced patent application. A Notice of Appeal has been sent separately for this application, by first class mail. Please accept this Petition for an Extension of Time.

Respectfully submitted,

Brian C. Kunzler

2 1100 War 12 12 Reg. No. 38,527

Attorney for Applicants

Date: March 17, 2004

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Confirmation Copy PTO/SB/05 (12/97)
Approved for use through 9/30/03. OMB 0651-0032
Patent a rademark Office: U.S. DEPARTMENT OF COMMERCE

OIPE		Complete If Known						
FEE TRANSMI	TTAI	Application Number	10/040,061					
LEE IVAIASIAII	IIAL	Filing Date	January 4, 2002					
MAR 1 9 2004 W		First Named Inventor	Tsann Lin					
Note: Effective October 1, 2	2001.	Group Art Unit	3626 Vivek Koppikar					
Note: Effective October 1, 2000 Patent fees are subject to annual Page 100	al revision.	Examiner Name						
TOTAL AMOUNT OF PAYMENT	\$ 420	Attorney Docket Number	SJO920000145US1					

METHOD OF PAYMENT (check one)					FEE CALCULATION (continued)								
The Commissioner is hereby authorized to charge					3. ADDITIONAL FEES								
indicated fees and credit any over payments to:							Small						
Deposit Account Number: 09-0466							Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid	
Deposit Account Name: IBM CORPORATION						_	1051	130	2051	65	Surcharge - late filing fee or oath		
Charge Any Additional Charge the Issue Fee					1052	50	2052	25	Surcharge - late provisional filing fee or cove sheet				
Fee Required Under In 37 CFR at the Mailing 37 CFR 1.16 and 1.17 of the Notice of Allowance				1053	130	2053	130	Non-English specification					
2. 2. 7. 7. 2. 2. 2				1812	2520	1812	2520	For filing a request for reexamination					
2.	Payme	ent Enclo	sed:					1804	920*	1804	920*	Requesting publication of SIR prior to Exami action	ner
	☐ Che	eck (	□Mon	ey Order	Othe	r		1805	1840*	1805	1840*	Requesting publication of SIR after Examine action	
FEE CALCULATION					1251	110	2251	55	Extension for reply within first month				
1. FII	LING	FEE						1252	420	2252	210	Extension for reply within second month	420
••••								1253	950	2253	475	Extension for reply within third month	
Large l	Entity	Small E	ntity					1254	1480	2254	740	Extension for reply within fourth month	
Fee	Fee	Fee	Fee	Fee De	scriptio	n Fee I	Paid	1255	2010	2255	1005	Extension for reply within fifth month	
Code	(\$)	Code	(\$)					1401	330	2401	165	Notice of Appeal	
1001	770	2001	385	Utility filing	fee			1402	330	2402	165	Filing a brief in support of an appeal	
1002	340	2002	170	Design filin	g fee			1403	290	2403	145	Request for oral hearing	
1003	530	2003	265	Plant filing	fee			1451	1510	1451	1510	Petition to institute a public use proceeding	
1004	770	2004	385	Reissue fili	ng fee			1452	110	2452	55	Petition to revive - intentional	
1005	160	2005	80	Provisional	l filing fee			1453	1330	2453	665	Petition to revive - unintentional	
	SUB	TOTAL	_ (1)			\$	0	1501	1330	2501	665	Utility issue fee	
2. CI	AIMS				Fee from	n		1502	480	2502	240	Design issue fee	
				Extra	below	 Fee F	aid	1503	640	2503	320	Plant issue fee	
Total CI	aims [		-20 =	x	18	_=		1460	130	1460	130	Petitions to the Commissioner	
Ind. Cla	ims		-3 =	×	86	<b> </b>		1807	50	1807	50	Petitions related to provisional applications	
Multiple	Dep. CI	aims		0 x	290	= 0		1806	180	1806	180	Submission of Information Disclosure Stmt	
Large l	Entity	Small E	Entity			_		8021	40	8021	40	Recording each patent assignment per proper (times number of properties)	erty
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee De	scriptio	ı .		1809	770	1809	385	Filing a submission after final rejection (37 C 1.129(a))	FR
1202 1201	18 86	2202 2201	9 43	Claims in excess of 20 Independent claims in excess of 3			1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))		
1203	290	2203	145	Multiple de	pendent	claim		Other fee	(specify)				
SUBTOTAL (2) \$ 0					*Reduce	d by Basic	Filing Fee		SUBTOTAL (3)	\$ 420			

SUBMITTED BY		Complete (if applicable)			
Typed or Printed Name	Brian C. Kunzler	Reg. Number	38,527		
Signature	15 x 2	Date	Mar 17, 2004	Deposit Account User ID	

Burden Hour Statement: This form is estimated to take 0/2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Mail Stop Assignments, P.O. Box 1450, Alexandria, VA 22313-1450.